PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Atton	ney Dock	ket No.	CL2028USNA	`
	Inventor			
	MUTAT	IONS A	FFECTING CAROTENOID PRODUCTION	_
Title				
Expr	ess Mail	Label N	lo. EU943086167US	_
ADI	DESS	TO	Mail Stop Patent Application Commissioner for Patents	

	Express Mail Laber No. [EU943080 10703		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450	) 	
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.  3. Specification [Total Pages 42] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies	10/73500	
- Detailed Description - Claim(s)	ACCOMPANYING APPLICATION PARTS		
- Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets]  5. Oath or Declaration [Total Sheets]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: SEQUENCE LISTING 38 PGS.		
18. If a CONTINUING APPLICATION, check appropriate box, and supposition following the title or in an Application Data Sheet under 2			
specification following the title, or in an Application Data Sheet under 3	1 CFK 1.70:		
Continuation Divisional Continua	tion-in-part (CIP) of prior application No.:	•••	
Prior application information: Examiner	Art Unit:		
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the	prior application, from which an oath or declaration is supplied under	Box	
5b, is considered a part of the disclosure of the accompanying continuation The incorporation can only be relied upon when a portion has been inadver			
19. CORRESPONI	DENCE ADDRESS		
Customer Number: 23906	OR Correspondence address below		
Name	· · · · · · · · · · · · · · · · · · ·		
Address			
City	State Zip Code		
	elephone Fax		
Name (Print/Type) S. Neil Felthalin	Registration No. (Attorney/Agent) 36,506		
Signature	Date 12/12/0	3	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is td file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

25.25.2

PTO/SB/17 (10-03)

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## FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

Name (Print/Type)

Signature

(\$) 1,078.00

C mplete if Known				
Application Number	unknown			
Filing Date	December 1 2, 2003			
First Named Inventor	Qiong Cheng			
Examiner Name	unknown			
Art Unit	unknown			
Attorney Docket No.	CL2028 US NA			

Telephone

Date

36,506

(302) 992-6460

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit card Money Other None 3. ADDITIONAL FEES								
Deposit Account:	Large Entity   Small Entity							
Denosit	Fee Fee Fee Fee Description  Code (\$) Fee Fee Fee Description	on Boid						
Account Number 04-1928	1051 130 2051 65 Surcharge - late filing fee or oath	ee Paid						
Deposit	1052 50 2052 25 Surcharge - late provisional filing fee or							
Account Name E. I. du Pont de Nemours and Company	cover sheet							
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification							
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination 1804 920* 1804 920* Requesting publication of SIR prior to							
Charge any additional fee(s) or any underpayment of fee(s)	Examiner action							
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action							
	1251 110 2251 55 Extension for reply within first month							
FEE CALCULATION	1252 420 2252 210 Extension for reply within second month							
1. BASIC FILING FEE Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month							
Fee Fee Fee Fee Description Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month							
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month							
1002 340 2002 170 Design filing fee 770.00	1401 330 2401 165 Notice of Appeal							
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal							
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing							
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding							
SUBTOTAL (1) (\$) 770.00	1452 110 2452 55 Petition to revive - unavoidable							
	1453 1,330 2453 665 Petition to revive - unintentional							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,330 2501 665 Utility issue fee (or reissue)							
Extra Claims below Fee Paid	- 1001 100 1001 210 Bookgii 10000 100							
Total Claims 21 -20** = 1 X 18 = 18.00 Independent 2 2 2** = 0 X 86 = 0.00	1 1503 640   2503 320 Plant Issue fee							
Claims	1460 130 1460 130 Petitions to the Commissioner							
250.00	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)							
Large Entity   Small Entity Fee Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt							
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)	1						
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection							
1201 86 2201 43 Independent claims in excess of 3	(37 ČFR 1.129(a))							
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))							
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)							
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application							
	Other fee (specify)							
SUBTOTAL (2) (\$) 308.00 **or number previously paid, if greater; For Reissues, see above		.00						
CURRETTED BY	(Complete (Fearlischie))							

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Registration No.

(Attornev/Agent

Neil Eeltham